filing date under 35 U.S.C. §120. The Serial Number of the parent application is U.S. Application filed and entitled and entitled and entitled.  The publications cited therein are listed on attached Form PTO-1449. In accordance with 37 C.F.R. §1.98(d) copies of the listed public are not required. Additional parent patent applications are listed on an attached sheet.  In accordance with 37 C.F.R. §1.98(a)(3), Applicant hereby certifies that for each reference not in English (check at least one box by A copy of a translation of one or more non-English document, or portion thereof, is provided herewith; A concise explanation is (check at least one box below):    Provided in the accompanying foreign or international search report; incorporated into the specification; and/or provided herewith in the specification of the date of entry of the national stage as set forth in 37 C.F.R. §1.97(b)(1), (b)(2) — WITHIN 3 MONTHS OF FILING OR ENTRY IN NATIONAL STAGE  Since this Information Disclosure Statement is being filed within three months of the filing date of the subject application or within three of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application, no fee or certification under 37 (§1.97(b)(3), (b)(4) — PRIOR TO MAILING OF FIRST OFFICE ACTION OR FIRST ACTION AFTER REQUEST FOR CONTINUED EXAMINATION of a first Office action after the filing of a request for continued examination under 37 C.F.R. §1.114, no fee or certification under 37 (§1.97(e) is required.  37 C.F.R. §1.97(c) — AFTER FIRST ACTION, BEFORE FINAL ACTION OR ALLOWANCE  6. Since this Information Disclosure Statement is being filed outside of the period provided for in 37 C.F.R. §1.97(b), but before the mailing of a Final Rejection or Notice of Allowance, this submission is being accompanied by (one of the following boxes must be checked).  37 C.F.R. §1.97(c) C. — AFTER FIRST ACTION, BEFORE FINAL ACTION OR ALLOWANCE  5. In the fee required under 37 C.F.R. §1.97(c)(2) and specified in 37 C.F.R. §1.17(p).
Applicant submits herewith a copy of (a) attached form PTO-1449, which lists all patents, publications, applications, or other inforr submitted for consideration by the Office; (b) a legible copy of each document required by 37 C.F.R. §1.98(b)(2).  Applicant herein apprises the Patent Office of references cited in a parent U.S. application from which this application obtains the benefit of an filing date under 35 U.S.C. §120. The Serial Number of the parent application is U.S. Application from which this application obtains the benefit of an filing date under 35 U.S.C. §120. The Serial Number of the parent application is U.S. Application from which this application obtains the benefit of an filing date under 35 U.S.C. §1.98(a) The publications cited therein are listed on attached Form PTO-1449. In accordance with 37 C.F.R. §1.98(d) copies of the listed public are not required. ☐ Additional parent patent applications are listed on an attached sheet.  In accordance with 37 C.F.R. §1.98(a)(3), Applicant hereby certifies that for each reference not in English (check at least one box below):  A concise explanation is (check at least one box below):  A concise explanation is (check at least one box below):  Provided in the accompanying foreign or international search report; ☐ incorporated into the specification; and/or ☐ provided herewith;  C.F.R. §1.97(b)(1), (b)(2) — WITHIN 3 MONTHS OF FILING OR ENTRY IN NATIONAL STAGE  Since this Information Disclosure Statement is being filed within three months of the filing date of the subject application or within three of the date of entry of the national stage as set forth in 37 C.F.R. §1.91(a) an international application, no fee or certification under 37 (§1.97(e) is required.  37 C.F.R. §1.97(b)(3), (b)(4) — PRIOR TO MAILING OF FIRST OFFICE ACTION OR FIRST ACTION AFTER REQUEST FOR CONTINUED EXAMIN/ Since this Information Disclosure Statement is being filed outside of the period provided for in 37 C.F.R. §1.97(b), but before the mailing of a Final Rejection or Notice of
submitted for consideration by the Office; (b) a legible copy of each document required by 37 C.F.R. §1.98(b)(2).  Applicant herein apprises the Patent Office of references cited in a parent U.S. application from which this application obtains the benefit of an filing date under 35 U.S.C. §120. The Serial Number of the parent application is U.S. Application
filing date under 35 U.S.C. §120. The Serial Number of the parent application is U.S. Application filed and entitled and entitled and entitled and entitled.  The publications cited therein are listed on attached Form PTO-1449. In accordance with 37 C.F.R. §1.98(d) copies of the listed public are not required. Additional parent patent applications are listed on an attached sheet.  In accordance with 37 C.F.R. §1.98(a)(3), Applicant hereby certifies that for each reference not in English (check at least one box by A copy of a translation of one or more non-English document, or portion thereof, is provided herewith; A concise explanation is (check at least one box below):    A concise explanation is (check at least one box below):   A concis
A copy of a translation of one or more non-English document, or portion thereof, is provided herewith; A concise explanation is (check at least one box below): provided in the accompanying foreign or international search report; incorporated into the specification; and/or provided here  37 C.F.R. §1.97(b)(1), (b)(2) – WITHIN 3 MONTHS OF FILING OR ENTRY IN NATIONAL STAGE  Since this Information Disclosure Statement is being filed within three months of the filing date of the subject application or within three not the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application, no fee or certification under 37 §1.97(e) is required.  37 C.F.R. §1.97(b)(3), (b)(4) – PRIOR TO MAILING OF FIRST OFFICE ACTION OR FIRST ACTION AFTER REQUEST FOR CONTINUED EXAMINA  5. Since this Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits, or before the roof a first Office action after the filing of a request for continued examination under 37 C.F.R. §1.114, no fee or certification under 37 (s).97(e) is required.  37 C.F. R. §1.97(c) – AFTER FIRST ACTION, BEFORE FINAL ACTION OR ALLOWANCE  6. Since this Information Disclosure Statement is being filed outside of the period provided for in 37 C.F.R. §1.97(b), but before the mailing of a Final Rejection or Notice of Allowance, this submission is being accompanied by (one of the following boxes must be checked).  b. he testatement specified in 37 C.F.R. §1.97(c) (Box 8 or 9 must be checked).
<ul> <li>4. Since this Information Disclosure Statement is being filed within three months of the filing date of the subject application or within three mof the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application, no fee or certification under 37 §1.97(e) is required.</li> <li>37 C.F.R. §1.97(b)(3), (b)(4) – PRIOR TO MAILING OF FIRST OFFICE ACTION OR FIRST ACTION AFTER REQUEST FOR CONTINUED EXAMINATION OF a first Office action on the ments, or before the mailing date of the first Office Action on the ments, or before the mof a first Office action after the filing of a request for continued examination under 37 C.F.R. §1.114, no fee or certification under 37 (b). 91.97(e) is required.</li> <li>37 C.F. R. §1.97(c) – AFTER FIRST ACTION, BEFORE FINAL ACTION OR ALLOWANCE</li> <li>6. Since this Information Disclosure Statement is being filed outside of the period provided for in 37 C.F.R. §1.97(b), but before the mailing of a Final Rejection or Notice of Allowance, this submission is being accompanied by (one of the following boxes must be checked).</li> <li>b. he statement specified in 37 C.F.R. §1.97(c) (2) and specified in 37 C.F.R. §1.17(p).</li> <li>b. he statement specified in 37 C.F.R. §1.97(e) (Box 8 or 9 must be checked).</li> </ul>
<ul> <li>Since this Information Disclosure Statement is being filed before the mailing date of the first Office Action on the ments, or before the most a first Office action after the filing of a request for continued examination under 37 C.F.R. §1.114, no fee or certification under 37 §1.97(e) is required.</li> <li>C.F. R. §1.97(c) – AFTER FIRST ACTION, BEFORE FINAL ACTION OR ALLOWANCE</li> <li>Since this Information Disclosure Statement is being filed outside of the period provided for in 37 C.F.R. §1.97(b), but before the mailing of a Final Rejection or Notice of Allowance, this submission is being accompanied by (one of the following boxes must be checked).</li> <li>the fee required under 37 C.F.R. §1.97(c)(2) and specified in 37 C.F.R. §1.17(p).</li> <li>the statement specified in 37 C.F.R. §1.97(e) (Box 8 or 9 must be checked).</li> </ul>
<ul> <li>Since this Information Disclosure Statement is being filed outside of the period provided for in 37 C.F.R. §1.97(b), but before the mailin of a Final Rejection or Notice of Allowance, this submission is being accompanied by (one of the following boxes must be checked).</li> <li>the fee required under 37 C.F.R. §1.97(c)(2) and specified in 37 C.F.R. §1.17(p).</li> <li>the statement specified in 37 C.F.R. §1.97(e) (Box 8 or 9 must be checked).</li> </ul>
<ul> <li>37 C.F.R. §1.97(d) – AFTER FINAL REJECTION OR ALLOWANCE</li> <li>Since this Information Disclosure Statement is being filed after the period specified in 37 C.F.R. §1.97(c), but on or before payment of the fee and is accompanied by both the statement specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p). (Box 8 or 9 be checked.)</li> </ul>
8. In accordance with 37 C.F.R. §1.97(e)(1), Applicant's attorney certifies that each item of information contained in this Information Disc Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three month to the filing of this Information Disclosure Statement.   The foreign or international search report(s) is/are enclosed.
9. In accordance with 37 C.F.R. §1.97(e)(2), Applicant's attorney certifies that no item of information contained in this Information Disc Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the signing this certification after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of the information disclosure statement.
10. In the event the Commissioner of Patents deems that any additional fee is required under 37 C.F.R. §§ 1.16 or 1.17 in connection w application, Applicant's attorneys authorize that such fee be charged to Deposit Account No. 06-1130.
11. Consideration of this Information Disclosure Statement is respectfully requested.
Name: Daniel P. Lent Registration Number 44,867
Signature
CERTIFICATE OF MAILING OR TRANSMISSION: I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first dass mail in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or [ ] facsimile transmitted to the U.S. Patent and Trademark Office to Facsimile No
Name Nancy K. Wilson Signature 7/a

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)	Application Number			
PRM-0052	10/550,643			
Applicant(s) Kunihiko Iwamoto et al.				
Filing Date	Group Art Unit			
00/22/2005	Group Art Omit			

Fall				09/23/2005		Group Art Ouit			
			U.S.	. PATENT DOCUMENTS					
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